

LIQUID CRYSTAL DISPLAY DEVICE, BACK LIGHT CONTROL SYSTEM, AND INFORMATION PROCESSOR

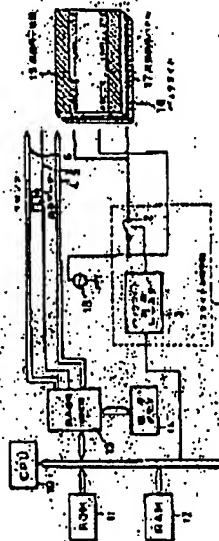
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Abstract of JP3198026

PURPOSE: To save a power by lighting only a part required for display by dividing a back light into plural areas, and enabling each divided area to be lit individually and/or luminance control to be applied.

CONSTITUTION: The back light 16 is divided into the plural areas, and also, each divided part is provided so as to be lit individually and/or to apply the luminance control individually. The necessity of the display is judged with the display mode of display data, and the control of the back light is performed by performing lights-out or luminance reduction on the divided part of the back light not being used and the divided part equivalent to a part where no display data exists on a screen with a set display mode. Thereby, all required data can be displayed, and the lights-out or reduction of luminance is applied to the back light corresponding to an unrequired display area, which reduces power consumption.



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